

INTERNATIONAL SEARCH REPORT

 International Application No.
 PCT/IB2004/003334

A. CLASSIFICATION OF SUBJECT MATTER INV. G05F9/46		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 162 536 A (HITACHI LTD) 12 December 2001 (2001-12-12) paragraph [0011] - paragraph [0028] -----	1-20, 26, 27, 30-36
A	US 2001/016879 A1 (ARAI TOSHIKI ET AL) 23 August 2001 (2001-08-23) paragraph [0016] - paragraph [0019] paragraph [0054] - paragraph [0063] -----	1-20, 26, 27, 30-36
A	US 2003/036843 A1 (NAKAMURA KOZO ET AL) 20 February 2003 (2003-02-20) paragraph [0036] - paragraph [0056] -----	1-20, 26, 27, 30-36
A	*Jaluna-2 Preview Release 1 Description" JALUNA PRODUCT DOCUMENTATION, December 2002 (2002-12), pages 1-32, XP0001189063 the whole document -----	1-20, 26, 27, 30-36
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family		
Date of the actual completion of the international search 6 March 2006		Date of mailing of the international search report 02-08-2006
Name and mailing address of the ISA European Patent Office, P.O. Box 5818 Patentstr. 2 NL-2280 HV Rijswijk Tel: (+31-73) 340-2000, Tx: 31 961 app nl, Fax: (+31-73) 340-3016		Authorized officer Bijl, K

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 5.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-20, 26, 27, 30-36

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application; as follows:

1. claims: 1-20, 26, 27, 30-36

Switching memory contexts when switching between operating systems

2. claims: 21, 22, 24

Providing access to shared input and/or output devices

3. claim: 23

Restarting the second operating system without interrupting operation of the first operating system

4. claim: 25

Replication of address tables;

5. claims: 28, 29

Modifying each operating system for operating in multiple operating system mode

INTERNATIONAL SEARCH REPORT

information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1162536	A	12-12-2001	NONE
US 2001016879	A1	23-08-2001	US 2004237086 A1 25-11-2004
US 2003036843	A1	20-02-2003	JP 2003036174 A 07-02-2003